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NEWS 12 DEC 09 Experimental property data collected by CAS now available in REGISTRY  
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NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable  
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/Caplus  
NEWS 22 FEB 05 German (DE) application and patent publication number format changes  
NEWS 23 MAR 03 MEDLINE and LMEIDLINE reloaded  
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 25 MAR 03 FRANCERAT now available on STN  
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0.21 0.21  
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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHCHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CERBA-VIB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFU, DDFU, DGENE, DRUGB, DRUGMONO2, ...' ENTERED AT 14:37:30 ON 18 MAR 2004

68 FILES IN THE FILE LIST IN STNINDEX

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6 FILE BIOSIS  
1 FILE BIOTECHABS  
1 FILE BIOTECHCHDS  
6 FILE BIOTECHNO  
9 FILE CAPLUS  
1 FILE CONFSCI  
3 FILE DGENE  
7 FILE EMBASE  
7 FILE ESBIOBASE  
1 FILE FEDRIP  
7 FILE GENBANK  
1 FILE IPIPAT  
1 FILE IPIPAT-EPUS  
3 FILE LIFEBSI  
3 FILE LIFEBSI  
9 FILE MEDLINE  
1 FILE PASCAL  
7 FILE SCISEARCH  
1 FILE TOXCENTER  
2 FILE USPATFULL  
64 FILES SEARCHED...  
1 FILE WEIDS  
1 FILE WEINDEX  
21 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

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=> s 11  
L2 75 L1

=> s 12 and human  
L3 41 L2 AND HUMAN

=> dup rem 13  
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L4 15 DUP REM L3 (26 DUPLICATES REMOVED)

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L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS ON STM DUPLICATE 1  
AN 2003:678370 CAPLUS  
DN 139:208835  
TI CDNA and protein sequences of \*\*\*human\*\*\* transcription factor  
\*\*Tx20\*\*\* and uses  
IN Shu, Youman; Fan, Wufang; Kovacs, Karl F.; Li, Xuan; Jay, Gilbert  
PA USA  
SO U.S. Pat. Appl. Publ., 26 pp.  
CODEN: USXXCO  
DI Patent  
DT English  
LA English  
FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003162177	A1	20030628	US 2002-82272	20020226
PRAL US 2002-82272		20020226		

L4 ANSWER 2 OF 15 USPATFULL ON STM  
AN 2003:213648 USPATFULL  
TI Method for normalizing the relative intensities of detection signals in  
hybridization arrays  
IN Lelanc, Benoit, Montreal, CANADA  
Lelanc, Benoit, Montreal, CANADA  
Camato, Rino, St-Leonard, CANADA

PI US 2003148286 AI 20030807  
 AI US 2002-30846 AI 20020719 (10)  
 MO 2001-CA1860 20011221  
 PRAI CA 2000-2327527 20001227  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2959  
 INCL INCLM: 435/006.000  
 INCLM: 702/020.000  
 NCL NCLM: 435/006.000  
 NCL NCL: 702/020.000  
 IC [7]  
 ICM: C12C001-68  
 ICS: G06F019-00; G01N033-48; G01N033-50  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 AN 2004:4149 CAPLUS  
 TI Tbx5 specifies the left/right ventricles and ventricular septum position during cardiogenesis  
 AU Takeuchi, Jun K.; Ogi, Makoto; Koshiba-takeuchi, Kazuko; Shiratori, Hidetaka; Sakaki, Ichiro; Ogura, Keiko; Saijoh, Yukio; Ogura, Toshihiko  
 CS Graduate School of Biological Sciences, Nara Institute of Science and Technology, Nara, 630-0101, Japan  
 SO Development (Cambridge, United Kingdom) (2003), 130(24), 5953-5964  
 PB CODEN: DEVPD; ISSN: 0950-1991  
 PB Company of Biologists Ltd.  
 DT Journal  
 LA English  
 RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 15 MEDLINE on STN  
 AN 2003474489 MEDLINE  
 DN Pubmed ID: 14550786  
 TI Cardiac T-box factor \*\*\*Tbx20\*\*\* directly interacts with Nkx2-5, GATA4, and GATA5 in regulation of gene expression in the developing heart.  
 AU Stenard Fiona A; Costa Mauro W; Elliott David A; Rankin Scott; Haast Saskia J P; Lai Donna; McDonald Lachlan P A; Niederreither Karen; Dollé Pascal; Bruneau Benoît G; Zorn Aaron M; Harvey Richard P  
 CS Victor Chang Cardiac Research Institute, 384 Victoria Street, Darlinghurst, 2010, Sydney, Australia.  
 NC HD042572-01 (NICH)  
 SO Developmental biology, (2003 Oct 15) 262 (2) 206-24.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200311  
 ED Entered STN: 20031011  
 Last Updated on STN: 20031219  
 Entered Medline: 20031118  
 L4 ANSWER 5 OF 15 MEDLINE on STN  
 AN 2002637587 MEDLINE  
 DN Pubmed ID: 12397116

TI Hrt is required for cardiovascular development in zebrafish.  
 AU Szeto Daniel P; Griffin Kevin J P; Kimmel David  
 CS Department of Biochemistry, Box 357350, University of Washington, Seattle 98195-7530, USA.  
 NC F32 HD08725 (NICH)  
 T32 07312  
 SO Development (Cambridge, England), (2002 Nov) 129 (21) 5093-101.  
 Journal code: 8701744. ISSN: 0950-1991.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200212  
 ED Entered STN: 20021026  
 Last Updated on STN: 20021217  
 Entered Medline: 20021203

L4 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 AN 2001:894915 CAPLUS  
 DN 136:306529  
 TI Expression pattern of novel chick T-box gene, \*\*\*Tbx20\*\*\*  
 AU Ito, Akio; Koide, Masatumi; Hidaka, Kyoto; Morisaki, Takayuki  
 CS Department of Bioscience, National Cardiovascular Center Research Institute, Suita, Osaka, 565-8565, Japan  
 SO Development Genes and Evolution (2001), 211(11), 559-562  
 PB CODEN: DSEVFT; ISSN: 0949-944X  
 PB Springer-Verlag  
 DT Journal  
 LA English  
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 15 MEDLINE on STN  
 AN 2001139586 MEDLINE  
 DN Pubmed ID: 11118890  
 TI Cloning and expression analysis of the mouse T-box gene \*\*\*Tbx20\*\*\*  
 AU Kraus F; Haendig B; Kispert A  
 CS Max-Planck-Institut für Immunbiologie, Abt. Molekulare Embryologie, Stubweg 51, 79108 Freiburg, Germany.  
 SO Mechanisms of development, (2002 Jan) 100 (1) 87-91.  
 Journal code: 9101218. ISSN: 0925-4773.  
 CY Ireland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 CS GENBANK-AF239664; GENBANK-AF306667; GENBANK-US6081; GENBANK-X98766  
 EM 200103  
 ED Entered STN: 20010404  
 Last Updated on STN: 20010404  
 Entered Medline: 20010308  
 L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 AN 2000:546679 CAPLUS  
 DN 134:25990  
 TI Characterization of the \*\*\*human\*\*\* \*\*\*Tbx20\*\*\* gene, a new member of the T-box gene family closely related to the Drosophila Hls gene of the T-box gene family  
 AU Weins, Moritz; Henderson, Deborah J.; Bhattacharya, Shomi S.; Sowden, Jane

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gene	1..894	
CDS	1..894	

London, 30 Guilford Street, London, WC1N 1EH, UNITED KINGDOM

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181 cccctcgaaac aattcttggg gaattcatca tgcctccagc catctgggga gctcgagagt  
241 atcagagcaca tgaatccaca caccctccac atcccagagc aagaagatggc taatatcgcc  
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L4 ANSWER 11 OF 15 GENBANK.KitM. COPYRIGHT 2004 on STM

LOCUS (LOC): HSA237589 GenBank (R)  
GenBank ACC. NO. (GBN): AJ237589  
GenBank VERSION (VER): AJ237589.1 GI:55689743  
CAS REGISTRY NO. (NR): 231262-19-4  
SEQUENCE LENGTH (SQL): 602

MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 23 Aug 2000  
 DEFINITION (DEF): Homo sapiens mRNA for T-box transcription factor (\*\*\*TBX20\*\*\* gene), partial.  
 SOURCE: \*\*\*human\*\*\*  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 169 a 155 c 141 g 137 t  
 REFERENCE: 1 (bases 1 to 602)  
 AUTHOR (AU): Meins, M.; Henderson, D.J.; Bhattacharya, S.S.; Sowden, J.C.  
 TITLE (TI): Characterization of the \*\*\*human\*\*\* \*\*\*TBX20\*\*\* gene, a new member of the T-Box gene family closely related to the drosophila Hls gene  
 JOURNAL (SO): Genomics, 67 (3), 317-332 (2000)  
 CA 134:25990  
 REFERENCE: 2 (bases 1 to 602)  
 AUTHOR (AU): Meins, M.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (01-APR-1999) Meins M., Neural Development Unit, Institute of Child Health, University College London, 30 Guilford Street, London WC1N 1EH, UNITED KINGDOM

FEATURES (FEAT):  
 Feature Key Location Qualifier  
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 /db-xref="taxon:9606"  
 /chromosome="7"  
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 /tissue-type="fetal eye"  
 /dev-stage="14 weeks post conception"  
 /gene="TBX20"  
 /gene="TBX20"  
 /codon-start=1  
 /evidence=experimental  
 /product="T-box transcription factor"  
 /protein-id="CAB51916.1"  
 /db-xref="GI:5689744"  
 /db-xref="SPTREMBL:Q9JMP3"  
 /translation="MAKIASCLETKELMDKPHL  
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 241 ccgcctgtgc cagcgaagct catgtgat caagattctc cttaaccg tgagcaata  
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 421 aaagacacca cagctctcat gctcaacctg agcttgag agattagac tttaattt  
 481 ccagaacagc tttaacgc agtcaatgc taccaagac aactatagac gaagctgaa  
 541 atgagtaga accctttgc caagatctc cggatctctc caggtctac tgacattgag  
 601 ag

L4 ANSWER 12 OF 15 DGENE COPYRIGHT 2004 THOMSON DERMENT ON STN  
 AN ADF69749 protein DGENE  
 TI New \*\*\*human\*\*\* \*\*\*Tbx20\*\*\* polynucleotides, for identifying  
 agents which modulate \*\*\*Tbx20\*\*\* expression, used as heart and eye  
 therapeutics.  
 IN Shu Y; Fan W; Kovacs K F; Li X; Jay G  
 PA (SHUY-I) SHU Y.  
 (FANW-I) FAN W.  
 (KOVA-I) KOVACS K F.  
 (LIXX-I) LI X.  
 (JAYG-I) JAY G.  
 PI US 2003162177 A1 20030828 26p  
 AI US 2002-82272 20020226  
 PRAI US 2002-82272 20020226  
 DT Patent  
 LA English  
 OS 2003-689001 [65]  
 DESC Mouse \*\*\*Tbx20\*\*\* polypeptide.  
 L4 ANSWER 13 OF 15 DGENE COPYRIGHT 2004 THOMSON DERMENT ON STN  
 AN ADF69750 protein DGENE  
 TI New \*\*\*human\*\*\* \*\*\*Tbx20\*\*\* polynucleotides, for identifying  
 agents which modulate \*\*\*Tbx20\*\*\* expression, used as heart and eye  
 therapeutics.  
 IN Shu Y; Fan W; Kovacs K F; Li X; Jay G  
 PA (SHUY-I) SHU Y.  
 (FANW-I) FAN W.  
 (KOVA-I) KOVACS K F.  
 (LIXX-I) LI X.  
 (JAYG-I) JAY G.  
 PI US 2003162177 A1 20030828 26p  
 AI US 2002-82272 20020226  
 PRAI US 2002-82272 20020226  
 DT Patent  
 LA English  
 OS 2003-689001 [65]  
 DESC Mouse \*\*\*Tbx20\*\*\* polypeptide.  
 L4 ANSWER 14 OF 15 DGENE COPYRIGHT 2004 THOMSON DERMENT ON STN  
 AN ADF69749 DNA DGENE  
 TI New \*\*\*human\*\*\* \*\*\*Tbx20\*\*\* polynucleotides, for identifying  
 agents which modulate \*\*\*Tbx20\*\*\* expression, used as heart and eye  
 therapeutics.  
 IN Shu Y; Fan W; Kovacs K F; Li X; Jay G  
 PA (SHUY-I) SHU Y.

(FAMW-I) FAN W.  
 (KOVX-I) KOVACS K F.  
 (LIXX-I) LI X.  
 (JAYG-I) JAY G.  
 FI US 2003162177 A1 20030828 26P  
 AI US 2002-82272 20020226  
 PRAI US 2002-82272 20020226  
 DT Patent  
 LA English  
 OS 2003-689001 [65]  
 CR P-PSDB: ADF69750  
 DESC \*\*\*Human\*\*\* \*\*Tbx20\*\*\* gene.  
 L4 ANSWER 15 OF 15 FEDRIP COPYRIGHT 2004 NTIS ON STN  
 AN 2004:194366 FEDRIP  
 NR CRISP 5R01HL70867-02  
 TI Role of Tbx20 in Cardiac Development and Adult Heart  
 SF Principal Investigator: EVANS, SYLVIA M.; SYEVANS@UCSD.EDU, UNIVERSITY OF  
 CALIFORNIA-SF, 9500 GILMAN DRIVE  
 CSP UNIVERSITY OF CALIFORNIA SAN DIEGO, LA JOLLA, CALIFORNIA  
 CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE  
 DB 2007 (/01/02)  
 FYR 2003  
 DE 2006 (/30/06)  
 FU Noncompeting Continuation (Type 5)  
 FS National Institutes of Health

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 TOTAL SESSION

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